

MNMM Fatal 2005-12

- Electrical
- May 23, 2005 (Nevada)
- Gold Mine
- Electrician Foreman
- 48 years old
- 15 years mining experience

Overview

- The victim was fatally injured when he contacted an energized component inside a high voltage transformer. He was checking the stress cones on the primary side of the transformer for excessive dust.

Gravel Used
To
Extinguish
Fire.



Causal Factor

- Management policies, standards, and controls were inadequate. The transformer circuit was not de-energized, locked out, tagged, and tested prior to performing work inside the transformer enclosure.

Best Practices

- **Before YOU work on an electrical circuit:**
 - Positively determine which circuit is to be worked on.
 - Identify the disconnecting device and de-energize power from the circuit.
 - Utilize proper PPE including high voltage gloves.
 - Lock out and tag out the circuit with YOUR lock.
 - Test the circuit for voltage using properly rated test equipment.
 - Ground all phase conductors to the equipment grounding conductor with a jumper.